

## INTERNATIONAL SEARCH REPORT

In International Application No  
PCT/EP2004/011673A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61C8/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10, 31 August 1998 (1998-08-31) -& JP 10 129642 A (KISHIMOTO AKIRA), 19 May 1998 (1998-05-19) abstract ----- X	1,2
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 11, 6 November 2002 (2002-11-06) -& JP 2002 205725 A (NIHON TETRA PAK KK), 23 July 2002 (2002-07-23) abstract ----- X	1,3
X	WO 02/38452 A (TETRA LAVAL HOLDINGS & FINANCE S.A; FRISK, PETER; OGITA, HIROAKI; ANDE) 16 May 2002 (2002-05-16) abstract ----- -/-	1,3

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

7 February 2005

18/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patenttaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Janosch, J

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/011673

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category <sup>o</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 12, 31 October 1998 (1998-10-31) -& JP 10 181735 A (KISHIMOTO AKIRA), 7 July 1998 (1998-07-07) abstract -----	1
P, X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) & JP 2004 018579 A (TOPPAN PRINTING CO LTD), 22 January 2004 (2004-01-22) abstract -----	1-4
A	WO 03/024511 A (BECTON DICKINSON CO ; HETZLER KEVIN (US); CHU CHIA-HSI (US)) 27 March 2003 (2003-03-27) page 5, line 19 - line 23; claim 1; figures 1-5 -----	1-4
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 04, 30 April 1999 (1999-04-30) -& JP 11 005721 A (TOYO SEIKAN KAISHA LTD), 12 January 1999 (1999-01-12) abstract -----	1-4

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/EP2004/011673

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
JP 10129642	A 19-05-1998	NONE			
JP 2002205725	A 23-07-2002	AU WO	1271202 A 0238452 A1		21-05-2002 16-05-2002
WO 0238452	A 16-05-2002	AU WO JP	1271202 A 0238452 A1 2002205725 A		21-05-2002 16-05-2002 23-07-2002
JP 10181735	A 07-07-1998	JP	3365236 B2		08-01-2003
JP 2004018579	A 22-01-2004	NONE			
WO 03024511	A 27-03-2003	WO	03024511 A1		27-03-2003
JP 11005721	A 12-01-1999	NONE			